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Respectfully submitted,

Dated: December 4, 1997

A handwritten signature in cursive script, reading "Gilbert P. Hyatt", written over a horizontal line.

Gilbert P. Hyatt
Registration No. 27,647
P.O. Box 81230
Las Vegas, NV 89180
Phone (702) 871-9899

APPENDIX A

Please add new claims 342 to 427 as follows:

295
~~--342.~~ A process as set forth in claim 209, further comprising the acts
of:

displaying a vehicle image in response to the subpixel vector
change information; and

making a vehicle product in response to the subpixel vector
change information.

296
~~--343.~~ A process as set forth in claim 209, further comprising the acts
of:

displaying a building image in response to the subpixel vector
change information; and

making a building product in response to the subpixel vector
change information.

297
~~--344.~~ A process as set forth in claim 212, further comprising the act
of making a disk memory product storing data compressed image
information generated in response to the transformed image information and
storing computer program information for processing the data compressed
image information.

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298
--345. A subpixel vector change information having subpixel resolution product made in response to a process set forth in claim 198.

299
--346. A subpixel vector change information having subpixel resolution signal generated in response to a process set forth in claim 198.

300
--347. A disk memory product made in response to a process set forth in claim 198, the disk memory product storing data compressed image information and storing computer program for processing the data compressed image information.

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A disk memory made in response to the subpixel vector change information having subpixel resolution information of a process set forth in claim 198.

301
--349. A system as set forth in claim 98, further comprising a timeshared circuit including the spatial interpolation circuit, the subpixel vector change circuit, the transform processor, the weight circuit, the scale factor circuit, the weighting and scaling circuit, the resolution reduction circuit, and the display circuit; and

a shared memory including the first memory and the second memory.

302
--350. A process as set forth in claim 171, further comprising the act of making a signal product in response to the reduced resolution image information.

~~303~~
--351. A process as set forth in claim 187, further comprising the act of making a signal product in response to the transformed image information.

~~304~~
--352. A process as set forth in claim 190, further comprising the act of making a signal product in response to the subpixel vector change information.

~~305~~
--353. A process as set forth in claim 193, further comprising the act of making a signal product in response to the subpixel vector change information.

~~306~~
--354. A process as set forth in claim 198, further comprising the act of making a signal product in response to the subpixel vector change information.

~~307~~
--355. A process as set forth in claim 201, further comprising the act of making a signal product in response to the spatial interpolation information.

~~308~~
--356. A process as set forth in claim 204, further comprising the act of making a signal product in response to the spatial interpolation information.

309
--357. A process as set forth in claim 209, further comprising the act of making a signal product in response to the subpixel vector change information.

310
--358. A process as set forth in claim 212, further comprising the act of making a signal product in response to the transformed image information.

311
--359. A process as set forth in claim 215, further comprising the act of making a signal product in response to the transformed image information.

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312
--360. A process as set forth in claim 218, further comprising the act of making a signal product in response to the transformed image information.

313
--361. A process as set forth in claim 223, further comprising the act of making a signal product in response to the transformed image information.

314
--362. A process as set forth in claim 226, further comprising the act of making a signal product in response to the transformed image information.

315
--363. A process as set forth in claim 229, further comprising the act of making a signal product in response to the transformed image information.

316
--364. A process as set forth in claim 232, further comprising the act of making a signal product in response to the transformed image information.

317
--365. A process as set forth in claim 235, further comprising the act of making a signal product in response to the reduced resolution image information.

318
--366. A process as set forth in claim 238, further comprising the act of making a signal product in response to the reduced resolution image information.

319
--367. A process as set forth in claim 241, further comprising the act of making a signal product in response to the reduced resolution image information.

320
--368. A process as set forth in claim 244, further comprising the act of making a signal product in response to the reduced resolution image information.

321
--369. A process as set forth in claim 249, further comprising the act of making a signal product in response to the reduced resolution image information.

322
--370. A process as set forth in claim 252, further comprising the act of making a signal product in response to the reduced resolution image information.

323
--371. A process as set forth in claim 255, further comprising the act of making a signal product in response to the reduced resolution image information.

324
--372. A process as set forth in claim 258, further comprising the act of making a signal product in response to the reduced resolution image information.

325
--373. A process as set forth in claim 261, further comprising the act of making a signal product in response to the reduced resolution image information.

326
--374. A process as set forth in claim 264, further comprising the act of making a signal product in response to the reduced resolution image information.

327
--375. A process as set forth in claim 267, further comprising the act of making a signal product in response to the reduced resolution image information.

328
--376. A process as set forth in claim 270, further comprising the act of making a signal product in response to the reduced resolution image information.

329
--377. A process as set forth in claim 273, further comprising the act of making a signal product in response to the reduced resolution image information.

330
--378. A process as set forth in claim 276, further comprising the act of making a signal product in response to the reduced resolution image information.

331
--379. A process as set forth in claim 279, further comprising the act of making a signal product in response to the reduced resolution image information.

332
--380. A process as set forth in claim 171, further comprising the act of making a disk memory product in response to the reduced resolution image information.

333
--381. A process as set forth in claim 187, further comprising the act of making a disk memory product in response to the transformed image information.

334
--382. A process as set forth in claim 190, further comprising the act of making a disk memory product in response to the subpixel vector change information.

335
--383. A process as set forth in claim 193, further comprising the act of making a disk memory product in response to the subpixel vector change information.

336
--384. A process as set forth in claim 198, further comprising the act of making a disk memory product in response to the subpixel vector change information.

337
--385. A process as set forth in claim 201, further comprising the act of making a disk memory product in response to the spatial interpolation information.

338
--386. A process as set forth in claim 204, further comprising the act of making a disk memory product in response to the spatial interpolation information.

321
--387. A process as set forth in claim 209, further comprising the act of making a disk memory product in response to the subpixel vector change information.

340
--388. A process as set forth in claim 212, further comprising the act of making a disk memory product in response to the transformed image information.

341
--389. A process as set forth in claim 215, further comprising the act of making a disk memory product in response to the transformed image information.

342
--390. A process as set forth in claim 218, further comprising the act of making a disk memory product in response to the transformed image information.

343
--391. A process as set forth in claim 223, further comprising the act of making a disk memory product in response to the transformed image information.

344
--392. A process as set forth in claim 226, further comprising the act of making a disk memory product in response to the transformed image information.

345
--393. A process as set forth in claim 229, further comprising the act of making a disk memory product in response to the transformed image information.

346
--394. A process as set forth in claim 232, further comprising the act of making a disk memory product in response to the transformed image information.

347
--395. A process as set forth in claim 235, further comprising the act of making a disk memory product in response to the reduced resolution image information.

348
--396. A process as set forth in claim 238, further comprising the act of making a disk memory product in response to the reduced resolution image information.

349
--397. A process as set forth in claim 241, further comprising the act of making a disk memory product in response to the reduced resolution image information.

350
--398. A process as set forth in claim 244, further comprising the act of making a disk memory product in response to the reduced resolution image information.

351
--399. A process as set forth in claim 249, further comprising the act of making a disk memory product in response to the reduced resolution image information.

352
--400. A process as set forth in claim 252, further comprising the act of making a disk memory product in response to the reduced resolution image information.

353
--401. A process as set forth in claim 255, further comprising the act of making a disk memory product in response to the reduced resolution image information.

354
--402. A process as set forth in claim 258, further comprising the act of making a disk memory product in response to the reduced resolution image information.

355
--403. A process as set forth in claim 261, further comprising the act of making a disk memory product in response to the reduced resolution image information.

356
--404. A process as set forth in claim 264, further comprising the act of making a disk memory product in response to the reduced resolution image information.

357
--405. A process as set forth in claim 267, further comprising the act of making a disk memory product in response to the reduced resolution image information.

358
--406. A process as set forth in claim 270, further comprising the act of making a disk memory product in response to the reduced resolution image information.

359
--407. A process as set forth in claim 273, further comprising the act of making a disk memory product in response to the reduced resolution image information.

360
--408. A process as set forth in claim 276, further comprising the act of making a disk memory product in response to the reduced resolution image information.

361
--409. A process as set forth in claim 279, further comprising the act of making a disk memory product in response to the reduced resolution image information.

362
--410. A process as set forth in claim 218, further comprising the act of making an information product in response to the transformed image information.

303
--411. A process as set forth in claim 223, further comprising the act of making an entertainment product in response to the transformed image information.

304
--412. A process as set forth in claim 229, further comprising the act of making a designed product in response to the transformed image information.

305
--413. A process as set forth in claim 232, further comprising the act of making a manufactured product in response to the transformed image information.

306
--414. A process as set forth in claim 241, further comprising the act of making a training product in response to the reduced resolution image information.

307
--415. A process as set forth in claim 244, further comprising the act of making a processed product in response to the reduced resolution image information.

308
--416. A process as set forth in claim 249, further comprising the act of making an oil product in response to the reduced resolution image information.

309
--417. A process as set forth in claim 276, further comprising the act of making a mineral product in response to the reduced resolution image information.

370
--418. A process as set forth in claim 212, further comprising the act of making an electronic product in response to the transformed image information.

311
--419. A process as set forth in claim 209, further comprising the act of making an architectural product in response to the subpixel vector change information.

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312
--420. A process as set forth in claim 198, further comprising the act of making a game product in response to the subpixel vector change information having subpixel resolution.

313
--421. A process as set forth in claim 204, further comprising the act of making a natural resource product in response to the spatial interpolation information.

314
--422. A process as set forth in claim 212, further comprising the act of making a service product in response to the transformed image information.

515
--423. A process as set forth in claim 255, further comprising the act of making a location product in response to the reduced resolution image information.

374
--424. A process as set forth in claim 148, further comprising the act of
writing buffered image information into a buffer memory in response to the subpixel vector change information, the buffer memory storing the buffered image information.

50 377
--425. A process as set forth in claim 171, further comprising the act of making a first product in response to the reduced resolution image information.

378
--426. A process as set forth in claim 425, further comprising the act of making a second product in response to the first product.

379
--427. A process as set forth in claim 426, further comprising the act of making a third product in response to the second product.